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OM protein - protein search, using sw model

Run on: March 13, 2003, 09:27:40 ; Search time 15 Seconds
(without alignments)
49.038 Million cell updates/sec

Title: US-09-913-524-1

Perfect score: 143

Sequence: 1 PWSFSAALLRLQRPPEPAHANCHR 25

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %	Match	Length	DB ID	Description
1	143	100.0	351	1	US-08-197-792-39	Sequence 39, Appl
2	143	100.0	351	1	US-08-459-850-39	Sequence 39, Appl
3	143	100.0	351	1	US-08-459-214-39	Sequence 39, Appl
4	131	91.6	364	1	US-08-197-792-29	Sequence 29, Appl
5	131	91.6	364	1	US-08-459-850-29	Sequence 29, Appl
6	131	91.6	364	1	US-08-459-214-29	Sequence 29, Appl
7	110	76.9	122	1	US-08-581-529B-16	Sequence 16, Appl
8	110	76.9	122	1	US-08-455-559-22	Sequence 22, Appl
9	110	76.9	122	2	US-08-525-596B-26	Sequence 26, Appl
10	110	76.9	122	2	US-08-581-528A-16	Sequence 16, Appl
11	110	76.9	122	3	US-09-097-616-16	Sequence 16, Appl
12	110	76.9	122	3	US-09-177-860A-26	Sequence 26, Appl
13	110	76.9	122	4	US-08-624-635-18	Sequence 18, Appl
14	110	76.9	122	4	US-09-145-060-22	Sequence 22, Appl
15	110	76.9	122	5	PCT-US94-00657-22	Sequence 22, Appl
16	110	76.9	122	5	PCT-US94-07762-16	Sequence 16, Appl
17	110	76.9	122	5	PCT-US94-07799-16	Sequence 16, Appl
18	106	74.1	121	1	US-08-481-377-20	Sequence 20, Appl
19	106	74.1	121	2	US-08-491-835-18	Sequence 18, Appl
20	106	74.1	121	3	US-09-153-733A-20	Sequence 20, Appl
21	106	74.1	121	3	US-08-946-092A-18	Sequence 18, Appl
22	106	74.1	121	4	US-09-172-062-18	Sequence 18, Appl
23	106	74.1	121	4	US-09-301-520D-18	Sequence 18, Appl
24	106	74.1	121	4	US-09-389-705-20	Sequence 20, Appl
25	106	74.1	121	5	PCT-US94-00666-20	Sequence 20, Appl
26	106	74.1	121	5	PCT-US94-00665-18	Sequence 18, Appl
27	96	67.1	26	1	US-08-197-792-1	Sequence 1, Appl

28	96	67.1	26	1	US-08-459-850-1	Sequence 1, Appl
29	96	67.1	26	1	US-08-459-214-1	Sequence 1, Appl
30	75	52.4	116	1	US-08-197-792-38	Sequence 38, Appl
31	75	52.4	116	1	US-08-459-850-38	Sequence 38, Appl
32	75	52.4	116	1	US-08-459-214-38	Sequence 38, Appl
33	73	51.0	27	2	US-09-072-323-4	Sequence 4, Appl
34	73	51.0	28	2	US-09-072-323-6	Sequence 6, Appl
35	61	42.7	101	1	US-08-481-633B-2	Sequence 2, Appl
36	61	42.7	101	1	US-08-480-493A-2	Sequence 2, Appl
37	61	42.7	101	1	US-08-482-638A-2	Sequence 2, Appl
38	54.5	38.1	1832	3	US-09-335-409-4	Sequence 4, Appl
39	54.5	38.1	1832	4	US-09-568-102-4	Sequence 4, Appl
40	54.5	38.1	1832	4	US-09-567-969-4	Sequence 4, Appl
41	54.5	38.1	1832	4	US-09-568-480-4	Sequence 4, Appl
42	54.5	38.1	1832	4	US-09-568-486-4	Sequence 4, Appl
43	54.5	38.1	1832	4	US-09-568-472-4	Sequence 4, Appl
44	54.5	38.1	1832	4	US-09-567-899-4	Sequence 4, Appl
45	52	36.4	77	5	PCT-US95-02795A-4	Sequence 4, Appl

ALIGNMENTS

RESULT 1

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US-08-197-792-39
; Sequence 39 Application US/08197792
; Patent No. 5525488
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or Beta Chains of Inhibin
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/197,792
; FILING DATE: 16-FEB-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/906729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 297P2D4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881

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SEQUENCE CHARACTERISTICS:
LENGTH: 351 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-459-214-39

Query Match 100.0%; Score 143; DB 1; Length 351;
Best Local Similarity 100.0%; Pred. No. 3.5e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PWSPSALRLQLRPPEPAHANCHR 25
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DB 225 PWSPSALRLQLRPPEPAHANCHR 249

RESULT 4
US-08-197-792-29
; Sequence 29, Application US/08197792
; Patent No. 5525488
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or Beta Chains of Inhibin and
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/197,792
; FILING DATE: 16-FEB-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/906729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 297P2D4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 364 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-197-792-29

Query Match 91.6%; Score 131; DB 1; Length 364;
Best Local Similarity 88.0%; Pred. No. 1.6e-10;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPSALRLQLRPPEPAHANCHR 25
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DB 238 PWSPSALRLQLRPPEPAHANCHR 262

RESULT 5
US-08-459-850-29
; Sequence 29, Application US/08459850
; Patent No. 5665568
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or
; TITLE OF INVENTION: Beta Chains of Inhibin and Method for Synthesizing Polypep
; TITLE OF INVENTION: Using such Nucleic Acid
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,850
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/197792
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/906729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 297P2U5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 364 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-459-850-29

Query Match 91.6%; Score 131; DB 1; Length 364;

Best Local Similarity 88.0%; Pred. No. 1.6e-10;
Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPSALRLRLRPPEPAHANCHR 25
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DB 238 PWSPALRLRLRPPEPAHANCHR 262

RESULT 6
US-08-459-214-29
; Sequence 29, Application US/08459214
; Patent No. 5716810
; GENERAL INFORMATION:
; APPLICANT: Anthony J. Mason
; APPLICANT: Peter H. Seeburg
; TITLE OF INVENTION: Nucleic Acid Encoding the Alpha or
; TITLE OF INVENTION: Beta Chains of Iubitin and Method for Synthesizing Polypeptide
; TITLE OF INVENTION: Using Such Nucleic Acid
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,214
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/197792
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/958414
; FILING DATE: 08-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/744207
; FILING DATE: 12-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/215466
; FILING DATE: 05-JUL-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/905729
; FILING DATE: 31-DEC-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/827710
; FILING DATE: 07-FEB-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 06/783910
; FILING DATE: 03-OCT-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: 29792D6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 364 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-459-214-29

Query Match 91.6%; Score 131; DB 1; Length 364;
Best Local Similarity 88.0%; Pred. No. 1.6e-10;

Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPSALRLRLRPPEPAHANCHR 25
|||||:|||||:|||||:|||||:|||||
DB 238 PWSPALRLRLRPPEPAHANCHR 262

RESULT 7
US-08-581-529B-16
; Sequence 16, Application US/08581529B
; Patent No. 5770444
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-jin
; APPLICANT: Huynh, Thanh
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-6
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/581,529B
; FILING DATE: 15-APR-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Lisa A. Halle, Ph.D.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibin-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
US-08-581-529B-16

Query Match 76.9%; Score 110; DB 1; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 ALRLRLRPPEPAHANCHR 25
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DB 1 ALRLRLRPPEPAHANCHR 20

RESULT 8
US-08-455-559-22
; Sequence 22, Application US/08455559
; Patent No. 5801014
; GENERAL INFORMATION:
; APPLICANT: LEE, SE-JIN
; APPLICANT: HUYNH, THANH
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPENSLEY HORN JUBAS & LUBITZ

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RESULT 9
US-08-525-596B-26
; Sequence 26, Application US/08525596B
; Patent No. 5827733
; GENERAL INFORMATION:
; APPLICANT: Huysh, Thanh
; APPLICANT: Lee, Se-jin
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-8
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,596B
; FILING DATE: 19-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

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: APPLICATION NUMBER: PCT/US94/07762
: FILING DATE: 08-JUL-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Wetherell, Jr., Ph.D. John R.
: REGISTRATION NUMBER: 31,678
: REFERENCE/DOCKET NUMBER: 07265/075001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619-678-5070
: TELEFAX: 619-678-5099
: INFORMATION FOR SEQ ID NO: 26:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 122 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: IMMEDIATE SOURCE:
: CLONE: Inhibin-alpha
: FEATURE:
: NAME/KEY: Protein
: LOCATION: 1..122
: US-08-525-596B-26

Query Match 76.9%; Score 110; DB 2; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels

QY 6 ALRLQRPPEPAHANCHR 25
      |||||
Db 1 ALRLQRPPEPAHANCHR 20

RESULT 10
US-08-581-528A-16
: Sequence 16, Application US/08581528A
: Patent No. 5986058
: GENERAL INFORMATION:
: APPLICANT: Lee, Se-Jin
: APPLICANT: Huynh, Thanh
: TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-7
: NUMBER OF SEQUENCES: 21
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Fish & Richardson, P.C.
: STREET: 4225 Executive Square, Suite 1400
: CITY: La Jolla
: STATE: CA
: COUNTRY: USA
: ZIP: 92037
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/581,528A
: FILING DATE: 03-Sept-1993
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/089,670
: FILING DATE: 09-JUL-1993
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Lisa A. Haille, Ph.D.
: REGISTRATION NUMBER: 38,347
: REFERENCE/DOCKET NUMBER: 07265/081001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619/678-5070
: TELEFAX: 619/678-5099
: INFORMATION FOR SEQ ID NO: 16:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 122 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear

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/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibin-alpha
/ FEATURE:
/ NAME/KEY: Protein
/ LOCATION: 1..122
/
US-08-581-528A-16
/
Query Match 76.9%; Score 110; DB 2; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
QY 6 ALRLQLRPPEPAHANCHR 25
/
Db 1 ALRLQLRPPEPAHANCHR 20
/
/
RESULT 11
US-09-097-616-16
/ Sequence 16, Application US/09097616
/ Patent No. 6090563
/ GENERAL INFORMATION:
/ APPLICANT: Lee, Se-Jin
/ APPLICANT: Huynh, Thanh
/ TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-6
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson
/ STREET: 4225 Executive Square, Suite 1400
/ CITY: La Jolla
/ STATE: California
/ COUNTRY: USA
/ ZIP: 92037
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/097,616
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/581,529
/ FILING DATE: 15-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lisa A. Haile, Ph.D.
/ REGISTRATION NUMBER: 38,347
/ REFERENCE/DOCKET NUMBER: 07265/082001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 678-5070
/ TELEFAX: (619) 678-5099
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 122 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibin-alpha
/ FEATURE:
/ NAME/KEY: Protein
/ LOCATION: 1..122
/
US-09-097-616-16
/
Query Match 76.9%; Score 110; DB 3; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
QY 6 ALRLQLRPPEPAHANCHR 25
/
Db 1 ALRLQLRPPEPAHANCHR 20
/
/
RESULT 12
US-09-177-860A-26
/ Sequence 26, Application US/09177860A
/ Patent No. 6095506
/ GENERAL INFORMATION:
/ APPLICANT: Huynh, Thanh
/ APPLICANT: Lee, Se-Jin
/ TITLE OF INVENTION: ANTIHONIES SPECIFIC FOR GROWTH DIFFERENTIATION FACTOR-8 AN
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Gray Cary Ware & Freidenrich LLP
/ STREET: 4365 Executive Drive, Suite 1600
/ CITY: San Diego
/ STATE: CA
/ COUNTRY: US
/ ZIP: 92121
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/177,860A
/ FILING DATE: 23-OCT-1998
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/525,596
/ FILING DATE: 19-SEP-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Haile, Ph.D, Lisa A.
/ REGISTRATION NUMBER: 38,347
/ REFERENCE/DOCKET NUMBER: 07265/075003
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 858-677-1456
/ TELEFAX: 858-677-1465
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 122 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ IMMEDIATE SOURCE:
/ CLONE: Inhibin-alpha
/ FEATURE:
/ NAME/KEY: Protein
/ LOCATION: 1..122
/
US-09-177-860A-26
/
Query Match 76.9%; Score 110; DB 3; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 6 ALRLQLRPPEPAHANCHR 25
/
Db 1 ALRLQLRPPEPAHANCHR 20
/
/
RESULT 13
US-08-624-635-18
/ Sequence 18, Application US/08624635
/ Patent No. 6204047
/ GENERAL INFORMATION:
/ APPLICANT: Lee, Se-Jin
/ APPLICANT: Cunningham, No. 6204047een
/ TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-10
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Spensley Horn Jubas & Lubitz
/ STREET: 1880 Century Park East, Suite 500
/ CITY: Los Angeles
/ STATE: California
/

```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Lisa A. Haile, Ph.D.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/057001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibit-alpha
;
US-09-145-060-22
;
Query Match 76.9%; Score 110; DB 4; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels

QY 6 ALRLQRPPEPAHANCHR 25
|||||
DB 1 ALRLQRPPEPAHANCHR 20

RESULT 15
PCF-US94-00657-22
; Sequence 22, Application PC/TUS9400657
; GENERAL INFORMATION:
; APPLICANT: SE-JIN LEE
; APPLICANT: HUYNH, THANH
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPENSLRY HORN JUBAS & LUBITZ
; STREET: 1880 CENTURY PARK EAST, FIFTH FLOOR
; CITY: LOS ANGELES
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCF/TUS94/00657
; FILING DATE: 1/12/94
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: WETHERELL, JR. PH.D.; JOHN R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: FD3256 CIP OF PD2280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/455-5100
; TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 122 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; IMMEDIATE SOURCE:
; CLONE: Inhibit-alpha
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..122
;
PCF-US94-00657-22
;
Query Match 76.9%; Score 110; DB 5; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;

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QY	6	ALRLQRPPEEPAAHANCHR	25
Db	1	ALRLQRPPEEPAAHANCHR	20

Search completed: March 13, 2003, 14:00:27
Job time : 17 secs